

16dec05 12:53:37 User259284 Session D3436.2

DIALOG File 2: INSPEC 1898-2005/Dec W1

(c) Institution of Electrical Engineers

Set	Items	Description
S1	2173	CI='SIH4'
S2	569	CI='SI2H6'
S3	11	SI2H6
S4	31	SIH4
S5	7812	SILAN?
S6	904	DISILAN?
S7	1286	SILYL?
S8	54	DISILYL?
S9	200	METHYLSILAN?
S10	27	METHYLSILYL?
S11	4	METHYLDISILYL?
S12	0	DIMETHYLDISILYL?
S13	57	DIMETHYLSILYL?
S14	84	DIMETHYLSILAN?
S15	0	METHYLDISILAN?
S16	5	DIMETHYLDISILAN?
S17	1	TRIMETHYLDISILAN?
S18	10	TETRAMETHYLDISILAN?
S19	4	PENTAMETHYLDISILAN?
S20	126	HEXAMETHYLDISILAN?
S21	2	HEXAMETHYLSILAN?
S22	0	PENTAMETHYLSILAN?
S23	541	TETRAMETHYLSILAN?
S24	137	TRIMETHYLSILAN?
S25	84	DIMETHYLSILAN?
S26	38	MONOMETHYLSILAN?
S27	0	MONOMETHYLDISILAN?
S28	11931	S1:S27
S29	5	S28 AND CI=RU EL
S30	2	S28 AND (RU OR RUTHENIUM) (1N) (COAT????? OR ELEMENTAL OR PU- RE OR LAYER???? OR DEPOSIT???? OR COAT???? OR REDUC???? OR FI- LM??)
S31	6	S29:S30
S32	0	S28 AND (RU OR RUTHENIUM) (2N)ADHE????????????
S33	0	S28 AND (RU OR RUTHENIUM) (5N)ADHE????????????
S34	0	S28 AND (RU OR RUTHENIUM) (8N)ADHE????????????
S35	18	(RU OR RUTHENIUM) (8N)ADHE????????????
S36	1	S30 AND CI=SI
S37	0	S30 AND CI=GE
S38	1	S30 AND SEMICOND????????????
S39	1	S36:S38

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SYSTEM:OS - DIALOG OneSearch

File 23:CSA Technology Research Database 1963-2005/Dec
 File 2:INSPEC 1898-2005/Dec W1
 File 6:NTIS 1964-2005/Dec W1
 File 8:Ei Compendex(R) 1970-2005/Dec W1
 File 14:Mechanical and Transport Engineer Abstract 1966-2005/Dec
 File 25:Weldasearch-19662005/Nov (c) TWI Ltd
 File 31:World Surface Coatings Abs 1976-2005/Dec
 File 33:Aluminium Industry Abstracts 1966-2005/Dec
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Dec W2
 File 35:Dissertation Abs Online 1861-2005/Nov
 File 36:MetalBase 1965-20051215
 File 46:Corrosion Abstracts 1966-2005/Dec
 File 56:Computer and Information Systems Abstracts 1966-2005/Dec
 File 57:Electronics & Communications Abstracts 1966-2005/Dec
 File 60:ANTE: Abstracts in New Tech & ENGINEER 1966-2005/NOV
 File 61:Civil Engineering Abstracts. 1966-2005/Dec
 File 63:Transport Res(TRIS) 1970-2005/Nov
 File 64:Environmental Engineering Abstracts 1966-2005/Dec
 File 65:Inside Conferences 1993-2005/Dec W2
 File 68:Solid State & Superconductivity Abstracts 1966-2005/Dec
 File 81:MIRA - Motor Industry Research 2001-2005/Oct
 File 94:JICST-EPlus 1985-2005/Oct W2
 File 95:TEME-Technology & Management 1989-2005/Nov W1
 File 96:FLUIDEX 1972-2005/Dec
 File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
 File 103:Energy SciTec 1974-2005/Oct B2
 File 104:AeroBase 1999-2005/Nov
 File 118:ICONDA-Intl Construction 1976-2005/Oct
 File 134:Earthquake Engineering Abstracts 1966-2005/Dec
 File 144:Pascal 1973-2005/Dec W1
 File 239:Mathsci 1940-2005/Jan
 File 240:PAPERCHEM 1967-2005/Dec W2
 File 248:PIRA 1975-2005/Nov W4
 File 293:Engineered Materials Abstracts 1966-2005/Dec
 File 315:ChemEng & Biotec Abs 1970-2005/Dec
 File 323:RAPRA Rubber & Plastics 1972-2005/Nov
 File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2005/Dec
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set	Items	Description
S1	274	(RU OR RUTHENIUM) (8N)ADHE??????????
S2	2062	(RU OR RUTHENIUM) (8N)INTERFAC??????
S3	456151	(OXIDE? ? OR SILICA OR SILICATE? ? OR SIO OR SIO2 OR DIOXIDE??) (8N) (SURFACE?? OR ADHES????? OR ADHER????? OR INTERFAC?????)
S4	9645	(RU OR RUTHENIUM) (2N) (DEPOSIT???? OR COAT???? OR LAYER???? OR FILM??)
S5	11094	S1 OR S2 OR S4
S6	998	S5 AND S3
S7	7	S6 AND (SILAN? OR SILYL?)
S8	0	S6 AND (DISILAN? OR DISILYL?)
S9	0	S6 AND (SIH4 OR SI2H6)

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SYSTEM:OS - DIALOG OneSearch

File 348:EUROPEAN PATENTS 1978-2005/Dec W02

(c) European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051208,UT=20051201

(c) WIPO/Univentio

Set	Items	Description
S1	43843	IC=H01L-021?
S2	378	S1 AND (RU OR RUTHENIUM)/TI,AB,CM
S3	1230	S1 AND (SILAN? OR DISILAN? OR SIH4 OR SI2H6)/TI,AB,CM
S4	1185	S1 AND (SILANE? OR DISILANE? OR SIH4 OR SI2H6)/TI,AB,CM
S5	19	S2 AND S3:S4
S6	258	S2 AND (SIO OR SIO2 OR SILICA????? OR OXIDE?? OR DIOXID???-)/TI,AB,CM
S7	14	5AND6
S8	13	S7 AND (INTERFAC???? OR SURFAC??? OR TREAT???? OR ADHES???- ?? OR ADHER?????) /TI,AB,CM
S9	14	S7:S8

CAS/STN plurals and abbreviations are turned on.

CAS/STN FILE 'HCAPLUS' ENTERED AT 11:06:45 ON 16 DEC 2005

L1 1 S (US2003-418411/PRN OR US2003-418411/AP)
L2 SEL PLU=ON L1 1- IC NCL INCL : 8 TERMS

FILE 'REGISTRY' ENTERED AT 11:07:40 ON 16 DEC 2005

L3 1 S SILANE/CN
L4 1 S DISILANE/CN
L5 343 S (SILANE OR DISILANE) AND (H SI/ELF OR H.SI/MF)
L6 10 S (SILANE OR DISILANE) AND (D SI/ELF OR
L7 171575 S (SILANE OR DISILANE)
L8 21 S L7 AND (D H SI/ELF OR D.H.SI/MF)
L9 1 S L7 AND (SI T/ELF OR SI.T/MF)
L10 3 S L7 AND (D SI T/ELF OR D.SI.T/MF)
L11 4 S L7 AND (H SI T/ELF OR H.SI.T/MF)
L12 0 S L7 AND (D H SI T/ELF OR D.H.SI.T/MF)
L13 630447 S (SILYL? OR SILANE? OR DISILANE? OR DISILYL?) AND (METHYL OR METHAN?)
L14 145533 S L7 AND METHYL
L15 787 S L7 AND METHANE
L16 290 S DISILYL? AND (METHYL? OR METHANE?)
L17 3980 S DISILANE? AND (METHYL? OR METHANE?)
L18 146201 S (L3 OR L4 OR L5 OR L6) OR (L8 OR L9 OR L10 OR L11) OR (L14 OR L15 OR L16 OR L17)
L19 34129 S (SI OR GE)/ELS,MAC AND OXIDE
L20 7165 S SILICA
L21 25836 S SILICATE
L22 3634 S GERMANATE
L23 22414 S GE O/ELF OR GE.O/MF OR O SI/ELF OR O.SI/MF

FILE 'HCAPLUS' ENTERED AT 11:21:05 ON 16 DEC 2005

L24 2014 S SEMICONDUCT##### OXIDE
L25 8176 S SEMICONDUCT#####/TI AND OXIDE/TI
L26 670 S L24 AND L25
L27 SEL PLU=ON L26 1- RN : 849 TERMS

FILE 'REGISTRY' ENTERED AT 11:22:09 ON 16 DEC 2005

L28 849 S L27
L29 412 S L28 AND OXIDE
L30 58322 S (L19 OR L20 OR L21 OR L22 OR L23) OR L29
L31 1 S RUTHENIUM/CN
L32 7303 S RU/ELS,MAC AND ALLOY?
L33 890 S L32 AND RU>50/MAC

FILE 'HCAPLUS' ENTERED AT 11:24:48 ON 16 DEC 2005

L34 35633 S L33 OR L31 OR (PURE OR ELEMENTAL) (W) (RU OR RUTHENIUM)
L35 1404 S METAL#####(A) (RU OR RUTHENIUM)
L36 927 S (RU OR RUTHENIUM) (W) (LAYER OR FILM OR OVERLAYER OR CAP OR FILM OR COAT#####)
L37 1155 S (RU OR RUTHENIUM) (2A) (DEPOSIT##### OR CVD OR ALD OR PECVD)
L38 36694 S (L34 OR L35 OR L36 OR L37)
L39 12984 S L38 AND (L24 OR L30)
L40 185 S L39 AND (L18 OR SIH4 OR SI2H6 OR METHYLSILANE OR SILYLMETHANE OR METHYLDISILANE OR DISILYLMETHANE)
L41 20 S L39 AND (?DISILANE? OR ?SILANE? OR
?DISILYL? OR ?SILYL?) (2A) (?METHANE? OR METHYL?)
L42 11 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) DIMETHYL?
L43 6 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) TRIMETHYL?
L44 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) BIMETHYL?
L45 2 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) TETRAMETHYL?
L46 1 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) PENTAMETHYL?
L47 1 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) HEXAMETHYL?
L48 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) PERMETHYL?
L49 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) MONOMETHYL?
L50 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) MONOMETHANE?
L51 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) PERMETHANE?
L52 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) DIMETHANE?
L53 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) TRIMETHANE?
L54 0 S L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A) TETRAMETHANE?

FILE 'HCAPLUS' ENTERED AT 11:24:48 ON 16 DEC 2005

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L55      0 S  L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A)PENTAMETHANE?
L56      0 S  L39 AND (?DISILANE? OR ?SILANE? OR ?DISILYL? OR ?SILYL?) (2A)HEXAMETHANE?
L57     189 S  (L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47)
L58      1 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##) (3A)EXPOS#####
L59      3 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##) (3A)TREAT#####
L60      0 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##) (3A)AFTER
L61      0 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##) (3A)FOLLOW#####
L62      0 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##) (3A)SUBSEQUENT#####
L63      1 S  L57 AND (OXIDE OR SIO OR SIO2 OR DIOXIDE OR GEO##) (3A)"STEP"
L64     7812 S  L2
L65      7 S  L64 AND L57
L66     11 S  (L58 OR L59 OR L60 OR L61 OR L62 OR L63) OR L65

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FILE 'STNGUIDE' ENTERED AT 11:38:34 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 11:43:27 ON 16 DEC 2005

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L67     87269 S  SURFACE(3A)TREAT####
L68     29747 S  SURFACE(3A)GAS#####
L69     11322 S  SURFACE(3A)VAPOR#####
L70      28 S  SURFACE(3A)VAPOUR#####
L71     8388 S  SURFACE(3A)ANNEAL#####
L72     93864 S  SURFACE(3A)(RTP OR RTA OR HEAT#### OR EXPOS#### OR THERMAL####)
L73     7382 S  SURFACE(3A)?SILANE?
L74      2 S  L57 AND L73
L75      5 S  L57 AND (L67 OR L68 OR L69 OR L70 OR L71 OR L72)
L76      6 S  (L74 OR L75)
L77      4 S  L76 NOT L66

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FILE 'STNGUIDE' ENTERED AT 11:45:49 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 11:48:49 ON 16 DEC 2005

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L78     199175 S  (FORM#### OR DEPOSIT####) (2A) (OXIDE OR DIOXIDE OR SILICA OR SILICATE OR SIO OR SIO2)
L79     104074 S  (SURFACE OR TREAT####) (2A) (OXIDE OR DIOXIDE OR SILICA OR SILICATE OR SIO OR SIO2)
L80     28946 S  (OXIDIZ? OR REOXID? OR OXIDIS? OR OXIDAT?
                OR OXIDED OR OXIDI?) (3A) (SI OR SILICON OR GE OR GERMANIUM OR SEMICOND#####)
L81      22 S  L57 AND L78
L82      7 S  L57 AND L79
L83      0 S  L57 AND L80
L84     21 S  (L81 OR L82) NOT (L77 OR L66)
L85      6 S  L84 AND (RU OR RUTHENIUM)/TI,AB
L86      0 S  L84 AND (SILANE? OR DISILANE?)/TI,AB
L87      0 S  L84 AND SIH4/TI,AB
L88      0 S  L84 AND SI2H6/TI,AB

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FILE 'STNGUIDE' ENTERED AT 11:53:27 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 11:56:52 ON 16 DEC 2005

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L89     16864 S  (RU OR RUTHENIUM) (7A) (OXIDE OR DIOXIDE OR SILICA OR SIO OR SIO2 OR SILICATE)
L90      619 S  (RU OR RUTHENIUM) (7A) (?SILANE? OR ?DISILANE? OR ?SIH4? OR ?SI2H6?)
L91     24962 S  ((OXIDE OR DIOXIDE OR SILICA OR SIO OR SIO2 OR SILICATE) (7A) (?SILANE? OR ?DISILANE? OR ?SIH4? OR ?SI2H6?))
L92     40 S  L57 AND L89
L93     20 S  L57 AND L90
L94     32 S  L57 AND L91
L95     61 S  (L92 OR L93 OR L94)
L96     53 S  L95 NOT (L85 OR L77 OR L66)
L97      8 S  L96 AND L92 AND L93
L98     17 S  L96 AND L92 AND L94
L99      8 S  L96 AND L93 AND L94
L100     6 S  L97 AND L98 AND L99

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FILE 'STNGUIDE' ENTERED AT 11:59:52 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:01:20 ON 16 DEC 2005

L101 47 S L96 NOT L100
L102 4 S L101 AND SEMICONDUCT#####/TI,AB

FILE 'STNGUIDE' ENTERED AT 12:01:48 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:03:45 ON 16 DEC 2005

L103 687 S (RU OR RUTHENIUM) (W) (LAYER OR FILM)
L104 136364 S (OXIDE OR DIOXIDE OR SIO OR SIO2 OR SILICA OR SILICATE) (W) (LAYER OR FILM)
L105 158 S L57 NOT (L85 OR L77 OR L66 OR L100 OR L102)
L106 0 S L103 AND L105
L107 5 S L104 AND L105

FILE 'STNGUIDE' ENTERED AT 12:06:20 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:08:36 ON 16 DEC 2005

L108 2643 S (RU OR RUTHENIUM) (5A) (SILICA OR SILICATE
OR SIO OR SIO2 OR SEMICONDUCT#####)
L109 17709 S (?SILANE? OR ?DISILANE?) (5A) (SILICA OR
SILICATE OR SIO OR SIO2 OR SEMICONDUCT#####)
L110 534 S (?SILANE? OR ?DISILANE?) (5A) (RU OR
RUTHENIUM)
L111 49 S L108 AND L109
L112 35 S L108 AND L110
L113 22 S L109 AND L110
L114 72 S (L111 OR L112 OR L113) NOT (L85 OR L77 OR L66 OR L100 OR L102 OR L107)
L115 9 S L114 AND L57
L116 10 S L114 AND SEMICONDUCT#####
L117 16 S (L115 OR L116)

FILE 'STNGUIDE' ENTERED AT 12:10:40 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:16:02 ON 16 DEC 2005

L118 101 S ADHE##### (3A) (RU OR RUTHENIUM)
L119 2 S L57 AND L118
L120 68686 S OXIDE(4A) SURFACE
L121 30842 S OXIDE(4A) TREAT#####
L122 94343 S TREAT##### (4A) SURFACE
L123 5934 S L120 AND (L121 OR L122)
L124 3388 S L121 AND L122
L125 2292 S L123 AND L124
L126 2 S L57 AND L125
L127 1 S L126 NOT L119

FILE 'STNGUIDE' ENTERED AT 12:18:54 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:20:50 ON 16 DEC 2005

L128 165813 S (OXIDE OR SILICA OR SILICATE OR SIO OR
SIO2) (W) (FILM OR LAYER OR SURFACE OR INTERFACE OR ADHE#####)
L129 1558 S (RU OR RUTHENIUM) (W) (FILM OR LAYER OR
SURFACE OR INTERFACE OR ADHE#####)
L130 122 S L128 AND L129
L131 119 S (L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45
OR L46 OR L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR L59 OR
L60 OR L61 OR L62 OR L63 OR L64) AND L130
L132 7 S (L71 OR L72 OR L73) AND L130
L133 77 S (L78 OR L79 OR L80) AND L130
L134 122 S (L131 OR L132 OR L133)
L135 3 S L119 OR L127
L136 19 S L117 OR L135
L137 16 S L136 NOT (L85 OR L77 OR L66 OR L100 OR L102 OR L107)
L138 2 S L137 AND ?SIH4?
L139 2 S L137 AND ?SI2H6?
L140 1 S L137 AND ?SILYL?
L141 16 S L137 AND ?SILAN?
L142 16 S (L138 OR L139 OR L140 OR L141)
L143 2 S L142 AND ADHE#####
L144 0 S L142 AND (RU OR RUTHENIUM) (W) (METAL##### OR FILM OR LAYER### OR COAT##### OR
DEPOSIT####)

FILE 'HCAPLUS' ENTERED AT 12:20:50 ON 16 DEC 2005

L145 4 S L142 AND (RU OR RUTHENIUM)/AB
 L146 2 S L142 AND (RU OR RUTHENIUM)/ST
 L147 1 S L142 AND (RU OR RUTHENIUM)/TI
 L148 16 S L142 AND (RU OR RUTHENIUM)/IT
 L149 16 S (L145 OR L146 OR L147 OR L148)

FILE 'STNGUIDE' ENTERED AT 12:26:01 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:29:54 ON 16 DEC 2005

L150 1 S (RU OR RUTHENIUM) (W) COATED (W) (OXIDE OR SILICA OR SILICATE OR SIO OR SI DIOXIDE OR SEMICONDUCT##### OR SILICON)

FILE 'STNGUIDE' ENTERED AT 12:30:02 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:32:15 ON 16 DEC 2005

L151 88 S L64 AND (L38 OR L118 OR L129) AND L128
 L152 5 S L151 AND (L18 OR ?SILAN? OR ?SILYL?)

FILE 'STNGUIDE' ENTERED AT 12:34:16 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 12:40:40 ON 16 DEC 2005

L153 5 S L152 AND (L31 OR L32)

FILE 'STNGUIDE' ENTERED AT 12:40:55 ON 16 DEC 2005

FILE 'DPCI' ENTERED AT 12:42:58 ON 16 DEC 2005

L154 2 S US 6737313/PN.D
 L155 SEL PLU=ON L154 1- PRN : 2 TERMS
 L156 20 S US 6737313/PN.G
 L157 2 S L155
 L158 SEL PLU=ON L157 1- PN.D : 39 TERMS
 L159 235 S L158
 L160 249 S L156 OR L157 OR L159
 L161 SEL PLU=ON L160 1- PRN : 396 TERMS

FILE 'WPIX, JAPIO, HCAPLUS' ENTERED AT 12:44:29 ON 16 DEC 2005

L162 685 S L161
 L163 44 S L162 AND (RU OR RUTHENIUM) (W) (METAL#### OR FILM OR LAYER)
 L164 5 S L163 AND (?SILAN? OR ?SILYL? OR ?SIH4? OR ?SI2H6?)

CAS/STN FILE 'REGISTRY' ENTERED AT 14:19:00 ON 16 DEC 2005

L1 4824 S RU/ELS,MAC AND SI/ELS,MAC
 L2 2690 S L1 NOT (OXIDE OR O/ELS,MAC OR SILICATE OR SILICA)
 L3 171575 S SILANE OR DISILANE
 L4 145533 S L3 AND METHYL
 L5 343 S L3 AND H SI/ELF
 L6 1 S L3 AND H SI/MF
 L7 145869 S (L4 OR L5 OR L6)

FILE 'HCAPLUS' ENTERED AT 14:21:40 ON 16 DEC 2005

L8 240 S L2 AND L7
 L9 128 S L2 AND (?SILANE?)
 L10 258 S (L8 OR L9)
 L11 11 S L10 AND (ADHES##### OR ADHER##### OR
 INTERFAC##### OR SURFACE)

FILE 'REGISTRY' ENTERED AT 14:27:14 ON 16 DEC 2005

L12 47218 S SILICA### OR SI/ELS,MAC AND OXIDE

FILE 'HCAPLUS' ENTERED AT 14:27:35 ON 16 DEC 2005

L13 10 S L10 AND L12
 L14 9 S L13 NOT L11

FILE 'REGISTRY' ENTERED AT 14:32:38 ON 16 DEC 2005

L15 628 S L1 AND SILANE
 L16 2425 S L1 AND SILYL
 L17 2605 S (L15 OR L16)
 L18 693074 S SILICA#### OR (SI/ELS,MAC AND (O/ELS,MAC OR OXIDE))
 L19 386 S L18 AND O.SI/MF
 L20 2 S L18 AND O.RU.SI/MF
 L21 408 S L18 AND N.O.SI/MF
 L22 429 S L18 AND N O SI/ELF
 L23 4 S L18 AND O RU SI/ELF
 L24 7165 S L18 AND SILICA
 L25 25836 S L18 AND SILICATE

FILE 'HCAPLUS' ENTERED AT 14:36:53 ON 16 DEC 2005

L26 250 S L10 AND L17
 L27 3 S L10 AND (L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25)
 L28 231 S L26 NOT (L27 OR L14 OR L11)
 L29 175 S L28 NOT CATAL#####
 L30 34 S L29 AND TREAT#####
 L31 89 S L29 AND FORM#####
 L32 0 S L29 AND (ADHES##### OR ADHER#####)
 L33 0 S L29 AND SURFACE
 L34 0 S L29 AND INTERFAC#####
 L35 0 S L29 AND H01L?/IC
 L36 0 S L29 AND 438?/NCL
 L37 0 S L29 AND 257?/NCL
 L38 0 S L29 AND 716?/NCL
 L39 0 S L29 AND 148?/NCL
 L40 0 S L29 AND SEMICONDUCT#####
 L41 1 S L29 AND ELECTRONICS
 L42 0 S L29 AND MICROELEC?
 L43 0 S L29 AND TRANSISTOR
 L44 0 S L29 AND THIN FILM
 L45 0 S L29 AND TFT

FILE 'STNGUIDE' ENTERED AT 14:41:38 ON 16 DEC 2005

FILE 'HCAPLUS' ENTERED AT 14:42:45 ON 16 DEC 2005

L46 71 S (RU OR RUTHENIUM OR OXIDE OR SILANE OR DISILANE)/TI AND (L30 OR L31)